

SAS, Mihaly, dr.; LACSAN, Ilona, dr.; NAGY, Sandor, dr.

The significance of steroid excretion in fetal prognosis. Estrogen and pregnanediol excretion in the 2d half of normal and pathologic pregnancies. (I). Magy. noorv. lap. 26 no.2:74-83 Mr '63.

1. A Szegedi Orvostudományi Egyetem Női Klinikájának közleménye
(Igazgató: Szontagh Ferenc dr., egyetemi tanár).
(PLACENTA) (ESTROGENS) (PREGNANEDIOL) (HYPERTENSION)
(PREGNANCY TOXEMIAS) (KIDNEY DISEASES) (FETUS) (URINE)

SAS, Mihaly, dr.; LACSAN, Ilpna, dr.; NAGY, Sandor, dr.

The significance of steroid excretion in fetal prognosis.
Estrogen and pregnenediol excretion in the 2d half of normal
and pathological pregnancies. II. Magy. noorv. lap. 26 no.2:
83-92 Mr '63.

1. A Szegedi Orvostudományi Egyetem Női Klinikájának közleménye
(Igazgató: Szontágh Ferenc dr., egyetemi tanár).

(ABORTION, THREATENED) (ESTROGENS) (PREGNANEDIOL)
(FETAL DEATH) (PREGNANCY IN DIABETES) (ERYTHROBLASTOSIS, FETAL)

SAS, M., dr.; FARKAS, M., dr.; SZEGVARI, M., dr.

Treatment of the menopause with a preparation of estrogen-androgen combination. Ther. hung. 10 no.3/4:14-18 '62.

1. Gynaecological Clinic (Director: Prof. F. Szontagh) of the Medical University, Szeged (Hungary).

(MENOPAUSE)

(ANDROGENS)

(ESTROGENS)

SAS, M., dr.; KOVACS, L., dr.; UHLARIK, S., dr.

Clinical value of the oxytocin test. Ther. Hung. 11 no.3:12-15
'63.

1. Department of Obstetrics and Gynaecology (director: prof.
E. Szontagh), Medical University of Szeged, Hungary.

SAS, Mihály, dr.; FARKAS, Marton, dr.; SZEGVARI, Mihály, dr.

Treatment of a menopausal syndrome with a combined estrogen (AMBOSEX) preparation. Magy. orv. lap. 26 no. 6: 337-343. N 63.

1. A. Szegedi Orvostudományi Egyetem Női Klinikájának közleménye
(Igazgató: Szontagh Ferenc dr., egyetemi tanár).

SZONTAGH, Ferenc, dr.; SAS, Mihaly, dr.; TRAUB, Alfred, dr.;
KOVACS, Laszlo, dr.; BARDOCZY, Arpad, dr.; SZEREDAY, Zoltan, dr.

The effect of different norsteroids on the hormone excretion
of pregnant women and on the histomorphology of the trophoblast.
Orv hestil 104 no. 28:1302-1307 J1 '63.

1. Szegedi Orvostudományi Egyetem, Szuleszeti es Nogyogyaszati
Klinika.

(PREGNANCY) (PROGESTERONE) (NORTESTOSTERONE)
(ESTRADIOL) (ESTRIOL) (17-KETOSTEROIDS)
(PREGNANEDIOL) (NORMETHANDROLONE)
(GONADOTROPINS, CHORIONIC)

SAS, Mihaly, dr.; TRAUB, Alfred, dr.; SZEREDAY, Zoltan, dr.

Experiences with allylestrenol based on clinical use. Orv. hetil. 104
no.11:501-504 17 Mr '63.

1. Szegedi Orvostudományi Egyetem, Szülészeti és Nőgyógyászati
Klinika.

(PROGESTERONE) (ABORTION, HABITUAL) (MENORRHAGIA)
(ABORTION, THREATENED) (FSH) (BODY TEMPERATURE)
(UTERINE HEMORRHAGE)

SAS, Mihaly, dr.; PIUKOVICH, Istvan, dr.

Study of the effect of Nerobolil (norandrostenolonephenyl-
propionate) on the function of the female genitalia. Orv.
hetil. 105 no.15:676-681 12 Ap'64

1. Szegedi Orvostudományi Egyetem, Női Klinika (igazgató:
Szontagh, Ferenc, dr.).

SAS, Mihaly, dr.; KOVACS, Laszlo, dr.; NEMETH, Iren, dr.; SZONTAGH, Ferenc, dr.

Data on the mechanism of the ovulation inhibiting effect of
oral progestational hormones. Orv. hetil. 105 no.24:1125-1127
14 Je'64.

1. Szegedi Orvostudományi Egyetem, Női Klinika.

SAS, Mihaly, dr.; GABOR, Miklos, dr.; KOVACS, Laszlo, dr.; NEMETH, Iren,
dr.; SZONTAGH, Ferenc, dr.

Study of blood coagulation factors during gestagen treatment.
Orv. hetil. 105 no.29:1353-1355 19 JI'64

1. Szegedi Orvostudományi Egyetem, Noi Klinika.

HUNGARY

SAS, Mihaly, Dr. RAPCSAK, Vilmos, Dr, OROJAN, Ivan, Dr; Medical University of Szeged, Gynecological Clinic (director: SZONTAGH, Ferenc, Dr) (Szegedi Orvostudományi Egyetem, Női Klinika).

"The Effect of Gestagen (Lynestrenol) Treatment on the Testes."

Budapest, Orvosi Hetilap, Vol 107, No 17, 24 Apr 66, pages 779-781.

Abstract: [Authors' Hungarian summary] Administration of 5 mg of Lynestrenol daily to mature male rats will suppress the mating instinct for a prolonged period of time; the size of the gonads decreases considerably in response to the treatment and spermiogenesis in them ceases. Regeneration starts 5-6 weeks after interruption of the treatment but the condition before treatment is not reached again as much as 12 weeks later; regeneration is greatly delayed. All 9 references are Western.

SCHAB, R.; SAS, R.

Labyrinthine reflexes of the macula retractor bulb. Acta physiologica
hung. 3 no.2:325-329 1952. (CML 24:3)

1. Of the Institute of Anatomy of Pecs University.

S/103/61/022/002/013/015
B019/B060

9.6000 (1040,1089,1099)

AUTHORS: Bakmutskiy, V. F., Vinshteyn, I. I., Sas, S. Ye. (L'vov)

TITLE: Use of a pulse feeding of a measuring bridge with semiconductor thermistors in two-position temperature control devices

PERIODICAL: Avtomatika i telemekhanika, v. 22, no. 2, 1961, 259-262

TEXT: A study has been made of the heat balance of a semiconductor thermistor with pulse feeding. By way of introduction, setup and use of two-position temperature control devices are discussed in general. The investigation proper is made on the basis of the diagram shown in Fig. 1. This diagram consists of the pulse generator IG, the measuring circuit MK, the semiconductor thermistor ST, and the two-position indicator TI. The following relations are given for the power dissipation in the thermistor with pulse feeding:

$$p(t) = \begin{cases} P & \text{with } n(t_p + t_1) \leq t \leq (t_p + t_1) + t_1 \\ 0 & \text{with } n(t_p + t_1) + t_1 \leq t \leq (n+1)(t_p + t_1) \end{cases} \quad (1)$$

89182

S/103/61/022/002/013/015
B019/B060

Use of a pulse feeding ...

t_1 denotes the pulse duration, t_p the time between the pulses, P the power per pulse. The following heat conduction equations are given by taking account of (1):

$$\begin{aligned} \frac{dT}{dt} + \frac{T}{\tau} &= \frac{\theta}{\tau} + \sigma P \\ \frac{dT}{dt} + \frac{T}{\tau} &= \frac{\theta}{\tau} \end{aligned} \quad (3)$$

Solution $T_n^{(1)}$ is obtained for the n -th pulse, and solution $T_n^{(2)}$ for the time between the n -th pulse and the $(n+1)$ -th pulse, and therefrom, by a passage to the limit $n \rightarrow \infty$, the solutions

$$T_{\infty}^{(1)} = \theta + \sigma P - \sigma P \frac{\exp \frac{t_n + t_p}{\tau} - \exp \frac{t_n}{\tau}}{\exp \frac{t_n + t_p}{\tau} - 1} \exp\left(-\frac{t_1}{\tau}\right), \quad (6)$$

$$T_{\infty}^{(2)} = \theta + \sigma P \frac{\exp \frac{t_n}{\tau} (\exp \frac{t_p}{\tau} - 1)}{\exp \frac{t_n + t_p}{\tau} - 1} \exp\left(-\frac{t_1}{\tau}\right). \quad (7)$$

Use of a pulse feeding ...

S/103/61/022/002/013/015
B019/B060

are obtained. From these equations, one obtains formula

$$N = \frac{(P)_{\text{don}}}{(P_0)_{\text{don}}} = \frac{\exp \frac{t_n + t_p}{\tau} - 1}{\exp \frac{t_p}{\tau} \left(\exp \frac{t_n}{\tau} - 1 \right)} \quad (10)$$

which permits determining the power gain obtained by the use of a pulse feeding of the measuring bridge. As may be seen, the power gain increases with growing t_p/τ and decreasing t_n/τ , in which case, however, there exist limit values of these quantities. These limit values are determined, on the one hand, by the measuring instrument, and on the other hand, by the temperature change in the object.



Fig. 1

There are 1 figure and 3 Soviet-bloc references.

STEPIN, B.D.; BARKOV, A.V.; SAS, T.M.

Pressure of rubidium diiodate dissociation. Zhur. neorg. khim.
10 no.7:1603-1606 J1 '65. (MIRA 18:8)

1. Vseroyuznyy nauchno-issledovatel'skiy institut khimicheskikh
reaktivov i osobo chistykh khimicheskikh veshchestv.

SAULOVA, L.V.; BEREZOVSKIY, M.A.; BEZUSYAK, Yu.L.; SAS, T.P.

Experimental radio system for remote control of bridge cranes.
Avtom. i prib. no. 4:13-17 O-D '62. (MIRA 16:1)

1. Institut avtomatiki Gosplana UkrSSR.
(Cranes, derricks, etc.) (Remote control)

OKOS, G.; SAS, V.

Experimental and therapeutic experiences with intra-arterial injections
in peripheral circulatory disorders. Orv. hetil. 94 no.13:352-356 29
Mar 1953. (CJML 24:4)

1. Doctors. 2. First Internal Department (Head Physician -- Dr. Karoly
Bugar-Meszaros), Istvan Hospital.

SAS V.
OKOS, G.; SAS, V.

~~Pharmacological studies on placental vessels.~~ Acta med. hung. 11 no.2:
181-186 1958.

1. I. Innere Abteilung des Istvan-Krankenhauses, Budapest.
(PLACENTA, blood supply
dilat. & constriction of placental vessels by perfusion
with vasomotor drugs in vitro (Ger))

BUGAR-MESZAROS, K.; OKOS, G.; SAS, V.

Endoangiitis (thromboangiitis) obliterans on the basis of 300 cases. Acta med. hung. 12 no.3-4:271-283 1958.

1. I. Innere Abteilung des Istvan-Krankenhauses, Budapest.
(THROMBOANGIITIS OBLITERANS, statistics
(Ger))

BUGAR-MESZAROS, Karoly, Dr.; OKOS, Gizella, Dr.; SAS, Vilmos, Dr.

Data on the pathological picture of endoangiitis (thromboangiitis) obliterans based on observations on 300 patients. Orv. hetil. 90 no.47: 1627-1633 23 Nov 58.

1. A Fovarosí István Korház I. Belosztalyanak (foorvos: Bugar-Meszaros Karoly dr.) közleménye.
(THROMBOANGIITIS OBLITERANS, statist.
clin. statist. (Hun))

SAS, Vilmos, dr.; MAGOS, Laszlo, dr.

On the method of plethysmography. Orv. hetil. 103 no.4:163-167 Ja '62.

1. Fovarosí Istvan Korház, I Belosztaly es az Országos Munkaegészségügyi Intézet.

(PLETHYSMOGRAPHY)

BOJSZKO, Imre, dr.; OKOLICSANYI-KUTI, Ilona, dr.; SAS, Vilmos, dr.

The effect of Syncumar therapy of fibrinolysis. Orv. hetil.
106 no.44:2079-2081 31 0 '65.

1. VII. ker. Tanács, Szövetseg utcai Kórház, Belosztály
(főorvos: Gortvai, György, dr.) és XIII. ker. Szakorvosi
Rendelőintézet.

YERSHOV, L.D., kand.tekhn.nauk; CHERNYSHEV, G.S., inzh.; LUKASHENKO, I.A., inzh.; UDOVIK, L.N., inzh.; LESHCHINA, A.S., inzh.; SAS, Ye.Ye., inzh.. Prinimali uchastiye: BORTNIK, S.P., inzh.; EPEL'BOYM, P.L., inzh.; INOSOVA, N.A.. LUKASHENKO, I.A., inzh., red.

[Instructions for manufacturing three-step blocks for arched roofs made without forms] Instruktivnye materialy po proizvodstvu trekhstupenchatykh blokov dlia bezopalubochnykh svodchatykh pokrytii. Kiev, Biuro tekhn.informatsii NIISK ASIA USSR, 1958. 35 p. (MIRA 12:4)

1. Akademiya budivnytstva i arkhitektury URSR. Instytut budivel'nykh materialiv i vyrobiv. - (Building blocks) (Roofs)

SAS, Ye.Ya., inzh.

Method of restoring flues. Stroi. mat. 9 no.7:25 J1 '63.
(MIRA 16:11)

SASAL, Włodzimierz, mgr inż.

Digital voltmeter, type PVC-1. Łączność Wrocław 5:109-111
'62.

1. Zakład Opracowań i Produkcji Aparatury Naukowej, Instytut
Tele i Radiotechniczny, Warszawa.

SASARMAN, A.

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,
No 5, Sep-Oct 1961, pp 421-423.

Data: "Contributions to the Study of the Methods Applied for the
Isolation of Cl. perfringes. Note II. Isolation of Cl. perfringes
from Foodstuff (Sausages) by the Enrichment Technique at
46 to 47 Degrees Celsius."

Authors:

SASARMAN, A., -Dr.-

HO RODNICEANU, Thea, -Dr.-

SO IOMON, Eugenia, -Dr.-

MIIOSESCU. P., -Dr.-

SASARMAN, A.; HORODNICEANU, Thea; avec la collaboration technique de
DOSPINA, Maria

Contributions to the study of methods of isolation of *Cl. perfringens*.
I. A new enrichment method for the isolation of *Cl. perfringens* by
coproculture. Arch. Roum. path. exp. microbiol. 20 no.3:471-478
S '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" Service des Cultures
Microbiennes.

(*CLOSTRIDIUM PERFRINGENS* culture) (FECES microbiology)

SASARMAN, A.; HORODNICEANU, Thea. Collaboration technique: CIJULLEY,
Rodica

The use of neomycin for obtaining variants with small (dwarf)
colonies in the Salmonella genus. Arch. roum. path. exp. micro-
biol. 22 no. 4:1101-1110 S-D '63.

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service des Cul-
tures Microbiennes.

SASARMAN, A.; HORODNICEANU, Thez. Collaboration technique: CIULLEY, Rodica

Genetic recombination in E. coli dwarf colony variants. Preliminary note. Arch. roum. path. exp. microbiol. 23 no.3:547-550
S'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service des Cultures Microbiennes, Bucarest.

SASARMAN, A.; HORODNICEANU, Thea; GRITAENCO, Viorica; ANTOHI, Maria;
SURDEANU, Marieta.

Contribution to the study of the isolation of *Cl. perfringens*.
IV. Effect of incubation at 46° - 47° on the isolated strains.
Arch. roum. path. exp. microbiol. 23 no.3:697 - 704 S'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service des Cultures Microbiennes, Bucarest.

SASARMAN, A., dr.; HORODNICEANU, Thea, dr.

The laboratory diagnosis of infections caused by *Clostridium perfringens*. Microbiologia (Bucur) 9 no.6:493-510 N-D '64

1. Lucrare efectuata in Institutul de Microbiologie, parazitologie si epidemiologie "Dr. I. Cantacuzino", Bucuresti.

SASARMAN, A.; HORODNICEANU, Thea; GRITAENCO, Viorica; ANTOHI, Maria;
SURDEANU, Marietta

Properties of dwarf colonies of *S. typhimurium* obtained with
the use of neomycin and streptomycin. Arch. Roum. path. exp.
microbiol. 23 no.4:911-918 D '64.

1. Travail de l'Institut "Dr. I. Cantacuzino", Service des
Cultures microbiennes. Submitted June 14, 1964.

SASARMAN, A., SURDEANU, Marietta

Presence of the R factor in strains of Shigella isolated in Rumania. Arch. Roum. path. exp. microbiol. 23 no.4:919-926 D '64.

1. Travail de l'Institut Medico-Pharmaceutique, Bucarest et de l'Institut "Dr. I. Cantacuzino". Submitted June 1, 1964.

SASARMAN, MARIA

BERCEANU, St.; SASARMAN, Maria

Essential thrombopenic purpura and immunological thrombopenic purpura.
Med. int., Bucur. 9 no.6:847-861 June 57.

1. Lucrare efectuata la Institutul de imunologie si Clinica a VI-a
medicla I.M.F., Spitalul, Dr. I. Cantacuzino.

(PURPURA, THROMBOPENIC

essential & immunol. purpuras, hematol., diag. & ther.)

TEODORESCU, P., prof.; BERCEANU, St.; SASARMAN, Maria; HERGOT, Lucia;
MANESCU, Gh.; PRISCU, Al.

Clinical, haematological serological, and histopathological investigations
on splenopathies with a therapeutic indication of splenectomy. Rumanian
M Rev. no.4:21-28 O-D '60.
(SPLEEN diseases)

TEODORESCU, P., prof.; SASARMAN, Maria, dr.; IONĂȘESCU, Gabl., dr.

Idopathic hypoprothrombinemia. Med. intern. 3:317-323 Mr '62.

1. Lucrare efectuata in Clinica medicala a Spitalului "Bernat Andrei"
(director: prof. P. Teodorescu).
(HEMORRHAGIC DIATHESIS case reports)

TEODORESCU, P., prof.; SASARMAN, Maria, dr.; GANCEVICI, Alina, dr.; IONASESCU, R., dr.

Chronic hepatopathies with paraproteinosis and paraproteinosi
with hepatic repercussions. Med. intern. 14 no.12:1443-1453 D '62.

1. Lucrare efectuata in Clinica medicala, Spitalul "Bernat Andrei",
Bucuresti.

(LIVER DISEASES)

(BLOOD PROTEIN DISORDERS)

PETROVSKIY, N.A.; CHUPAYEVA, N.D., inzh.; SASAROV, A.I.

Determination of the operation of a PPR-3 type relay in the double wire circuit of a switch. Avtom., telem. i svyaz 3 no.9:31-32 S '59. (MIRA 13:2)

1. Starshiy inzhener laboratorii signalizatsii i svyazi Oktyabr'skoy dorogi (for Petrovskiy). 2. Nachal'nik laboratorii Leningradskogo elektrotekhnicheskogo zavoda Ministerstva putey soobshcheniya (for Sasarov).
(Railroads--Switches) (Electric relays)

SASDI, Livia, dr

Chemical studies on dust in the air of industrial plants with special reference to quartz content. *Mepegeszsegugy* 35 no.6:166-168 June 54.

1. Kozlemený az Orszages Munkageszsegugyi Intezetvel (igazgato: Timar Miklos dr.)

(QUARZ,

in dust. in indust.)

(DUST,

quartz content in indust.)

(INDUSTRY AND OCCUPATIONS,

quartz content in indust. dust)

3ASEK, Antonin, inz.; PRUGAR, Jaroslav, inz. CSc.

Farinographic study of the effect of addition of L-ascorbic acid to some Czechoslovak and foreign wheats. Rost výroba 11 no 3: 253-260 Mr '65.

1. Chemical Department of the Central Research Institute of Plant Production, Prague-Ruzyne 507. Submitted December 12, 1964.

SASEK, Antonin, inz.

Use of penetrometer for determining technological properties of wheat flours. Rost vyroba 11 no.3:261-268 Mr '65.

1. Chemical Department of the Central Research Institute of Plant Production, Prague-Ruzyne 507. Submitted December 9, 1964.

Sasek, F.

Problems of economy in the erection of municipal stations for refuse combustion. p. 2021. ENERGETIKA. (Ministerstvo paliv a energetiky. Hlavni sprava elektraren) Praha. Vol. 6, no. 5, May 1956/

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

SASEK, Ladislav; GINZEL, Wolfgang

An apparatus for determining the "immersion point". Silikaty
5 no.2:163-170 '61.

1. Katedra technologie silikatu, Vysoka skola chemicko-
technologicka, Praha.

SASEK, Ladislav

A method for examination of the dissolution of silica in glass melts. Silikaty 6 no.3:281-290 '62.

1. Katadra technologie silikatu, Vysoka skola chemicko-technologicka, Praha.

SASEK, Ladislav

Effect of SO_3 on the viscosity, surface tension, and adhesion angle of sodium-calcium glass melt. Silikaty 7 no.4:270-283 '63.

1. Katedra technologie silikatu, Vysoka skola chemicko-technologicka, Praha.

SASEK, Ladislav

Determining diffusion layers formed during SiO_2 dissolution
in glass melt. Silikaty 7 no.4:302-306 '63.

1. Katedra technologie silikatu, Vysoka skola chemicko-
technologicka, Praha.

SASEK, Ladislav

Effect of SO_2 on the dissolution rate of SiO_2 in sodium-calcium glass melts. Silikaty 8 no.1:27-44 '64.

1. Katedra technologie silikatu, Vysoka skola chemickotechnologicka, Praha.

SASEK, Marijan

Excursion of the geography teachers of Zagreb to petroleum fields.
Geogr hor 4 no.4:38-40 '59.

SASEK, Marijan

"Geographic regions of the world. II. Europe" by Pavao Kurtek. Reviewed
by Marijan Sasek. Geogr hor 7 no.1/2:60-62 '61.

SASEK, Marijan

"Man conquering desert" by Barbara Starcevic. Reviewed by Marian Sasek.
Geogr hor 7 no.1/2:62-63 '61.

SASEK, M.

"Geology, structure, dynamics, and history of the Earth" by
Milan Herak. Reviewed by M.Sasek. Geogr hor 7 no.4:47-48 '61.

SASEK, M.

"Geography of Yugoslavia; textbook for the 4th grade of
Gymnasium" by Dr. Veljko Rogic and Stanko Zuljic. Reviewed
by M.Sasek. Geogr hor 8 no.1/2:57-59 '62.

SASEK, M.

"Maritime passages, key points" by N.Stazicic. Reviewed by
M. Sasek. Geogr hor 8 no.1/2:59-60 '62.

CZECHOSLOVAKIA

PROCHAZKA, Z; SASEK, V

1. Institute of Organic Chemistry and Biochemistry,
- (for ?). 2: Institute of Microbiology - (for ?),
both Institutes of the Czechoslovak Academy of
Sciences, Prague

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 2, February 1967, pp 610-619

"On steroids. Part 103: Transformation of steroids
with slices of fruit-bodies of mushrooms (Basidio-
mycetes)."

SASEK, V.

SASEK, V. - The electric equipment of automatic production lines. p. 259
Vol. 11, no. 8, Aug. 1956
ELEKTROTECHNIK. (Ministerstove strojirenstvi) Praha.

SASEK, V.

"A new type of incandescent anemometer."

[Supplement] p. 5 (Prumysl Potravin, Vol. 9, No. 6, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.

SASEK, Vladimir, inz.

Control of the level of loose and lump materials in tanks. Prum
potravin 14 no.1:19-21 Ja '63.

1. Zavody potravinarskych a chladicich stroju, Vyzkumny ustav,
Praha.

SASEK, Vladimir, inz.

Automatic mixing and dosage of liquids. Automatizace 6. no.1:
14-15 Ja '63.

1. Zavody potravinarskych a chladicich stroju, Vyzkumny ustav, Praha.

KOTT, Josef; SASEK, Vratislav

Nuclear power station with a closed helium cycle. Jaderna
energie 4 no.6:155-159 Je '58.

1. Zavody V.I. Lenina, Plzen.

PETROVIC, D.; MILETIC, B.; SASEL, Lj.

Effect of highly polymerized isologous desoxyribonucleic acid
on the survival of x-irradiated L-cells in tissue culture.
Vojnosanit Pregl. 20 no.11:701-706 N '63.

1. Institut "Ruder Boskovic" u Zagrebu, Radiobioloski
laboratorij.

1. SASEROV, N. P.

2. USSR (600)

"Plotting of the Discharge Curve." Gidrotekhnicheskoye stroitel'stvo.
No. 2. 1948 (9-11)

9. Meteorologiya i Gidrologiya, No. 3, 1949. ~~Report~~ Report U-2551, 30 Oct 52.

S/051/62/012/006/017/020
E039/E420

AUTHORS: Popova, T.N., Sashchenko, N.M.

TITLE: Frank-Condon factors for some vibrational transitions
in the 4th positive system of CO

PERIODICAL: Optika i spektroskopiya, v.12, no.6, 1962, 791-792

TEXT: Frank-Condon factors for the above system are calculated by the approximate method of Biberman and Yakubov obtaining values of $q(v'v'')$ for a number of transitions (v' and v'' are vibration quantum numbers). The results of these calculations are given in Table 2. In the last column are given values of relative intensity calculated by R.G.Estey and included in brackets the experimental values obtained by the authors in a glow discharge at 0.5 mm Hg. Complete agreement between theory and experiment is not possible as the intensity of the molecular bands depends on the 4th power of the transition frequency and on the population of the corresponding upper vibration levels. A value of 9000°K for the vibration temperature is estimated from the experimental values of the relative intensity. This confirms the accuracy of the Biberman and Yakubov claimed an accuracy of 20%

Frank-Condon factors ...

S/051/62/012/006/017/020
E039/E420

for this method of calculation, which is sufficient for the solution of similar types of problem. The error is greater for combinations of quasi-classical and Hermite functions. There are 2 tables.

SUBMITTED: January 9, 1962

Table 2.

$v' \rightarrow v''$	$\lambda, \text{\AA}$	$q(v'v'')$	I_{exp}
5 $\rightarrow$ 14	2261.7	0.0638	9
7 $\rightarrow$ 16	2311.5	0.0321	8 (8.0)
4 $\rightarrow$ 14	2332.5	0.0054	3 (2.1)
8 $\rightarrow$ 17	2337.9	0.0170	7 (2.9)
5 $\rightarrow$ 15	2356.5	0.0041	4 (1.3)
7 $\rightarrow$ 17	2407.6	0.0016	7
5 $\rightarrow$ 16	2458.0	0.0011	2

L 13970-66 EWT(m)/EWA(d)/EWP(t)/EWP(z)/EWP(s)/EWA(h) LJP(c) JD/HI/JG
 ACC NR: AP6005395 SOURCE CODE: UR/0413/66/000/001/0151/0151
 INVENTOR: Rumov, A. Ye.; Sashchikhin, N. N.; Tereshkovich, A. S.; Fedortsov-Lutikov, G. P.
 ORG: none
 TITLE: Heat-resistant steel, Class 18, No. 148085
 SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 1, 1966, 151
 TOPIC TAGS: steel, heat resistant steel, chromium containing steel, nickel containing steel, niobium containing steel, tungsten containing steel
 ABSTRACT: This Author Certificate introduces a heat-resistant chromium—nickel—tungsten—niobium steel. To increase the steel heat resistance, castability, and weldability, its composition is set as follows: 0.08—0.12% C, 0.4—0.6% Si, 1.0—1.5% Mn, 15.0—16.5% Cr, 8.5—10.0% Ni, 3.0—4.0% W, 1.2% max Nb, 0.025% max S, and 0.03% max P. The ferrite content of the steel should not exceed 2—4% and should be controlled during the process of melting.
 [ND]
 SUB CODE: 11/ SUBM DATE: 14Jul61/ ATD PRESS: 4/9/

18(5)

SOV/135-59-6-4/20

AUTHOR: Runov, A. Ye., Engineer; Iodkovskiy, S. A., Candidate of Technical Sciences and Sashchikhin, N. N., Engineer

TITLE: Control and Correction of the Ferrite Phase Quantity of the Weld and Base Metals in Weld Joints of Austenite Steels

PERIODICAL: Svarochnoye Proizvodstvo, 1959, Nr 6, pp 13-15 (USSR)

ABSTRACT: The authors discuss the problem of heat-fissure-forming in welding metal. There are mentioned [Ref 1 and 3] who have been working on the same problem by the method of the ferrite base (3 ferrite). This method renders it possible to prevent the forming of fissures in welding cast austenite steels [Ref 4 and 5]. Up to now, all experiments of control and correction of the ferrite phase quantity of weld and base metals in weld joints of austenite steels [Ref 9] were unsuccessful. In this connection, a new method has been tried over a period of several years, in TsNIITMASH. S. D. Entin, Candidate of Technical Sciences. and V. Ya. Kozlov. Engineer.

SOV/135-59-6-4/20

Control and Correction of the Ferrite Phase Quantity of the Weld and Base Metals in Weld Joints of Austenite Steels

tion of the quantity of the ferrite phase by magnetic methods, by a specially constructed device. The whole defining process takes about 3 to 5 minutes. The investigations have been carried out on several casts of austenite ferrite steel; 1 Kh 20 N 12 T and 1 Kh 19 N 10 B. The experiment was successful. There are 2 photographs, 1 graph, 1 table and 13 references, 11 of which are Soviet and 2 English.

ASSOCIATION: TsNIITMASH

Card 2/2

SASHCHIKHIN, N. N.

115

PHASE I BOOK EXPLOITATION

SOV/5411

Konferentsiya po fiziko-khimicheskim osnovam proizvodstva stali. 5th,
Moscow, 1959.

Fiziko-khimicheskiye osnovy proizvodstva stali; trudy konferentsii
(Physicochemical Bases of Steel Making; Transactions of the
Fifth Conference on the Physicochemical Bases of Steelmaking)
Moscow, Metallurgizdat, 1961. 512 p. Errata slip inserted.
3,700 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Institut metallurgii imeni
A. A. Baykova.

Responsible Ed.: A. M. Samarin, Corresponding Member, Academy
of Sciences USSR; Ed. of Publishing House: Ya. D. Rozentsveyg.
Tech. Ed.: V. V. Mikhaylova.

Card 1/16

115
SOV/5411
Physicochemical Bases of (Cont.)

PURPOSE: This collection of articles is intended for engineers and technicians of metallurgical and machine-building plants, senior students of schools of higher education, staff members of design bureaus and planning institutes, and scientific research workers.

COVERAGE: The collection contains reports presented at the fifth annual convention devoted to the review of the physicochemical bases of the steelmaking process. These reports deal with problems of the mechanism and kinetics of reactions taking place in the molten metal in steelmaking furnaces. The following are also discussed: problems involved in the production of alloyed steel, the structure of the ingot, the mechanism of solidification, and the converter steelmaking process. The articles contain conclusions drawn from the results of experimental studies, and are accompanied by references of which most are Soviet.

Card 2/16

Physicochemical Bases of (Cont.)	SOV/5411	
Arc Furnace Induced by Blowing Oxygen Into the Metal		149
Shul'te, Yu. A., and M. I. Kurbatov. The Effect of Manufacturing Parameters on the Properties of High-Manganese Steel		159
Iodkovskiy, S. A., and N. N. Sashchikhin. New Method of Making Austenitic Steels With a Given Quantity of Ferrite		167
Suchil'nikov, S. I. Extracting Valuable [Ferroalloy] Elements During The Process of Their Production		178
Berezhiani, V. M., and V. B. Baratashvili. Investigating the Nitrous Manganese Production Processes		184
Zamoruyev, V. M. On the Distribution of Titanium Between the Metal and Slag		189

S/128/61/000/006/001/004
A054/A127

AUTHORS: Bidulya, P.N.; Iodkovskiy, S.A.; Sashchikhin, N.N.
TITLE: On the problem of melting steel with required phase composition
PERIODICAL: Liteynoye proizvodstvo, no. 6, 1961, 1 - 4

TEXT: The properties of a given steel grade may vary considerably in different heats. These fluctuations which are, as a rule, rather pronounced in double-phase (ferrite-pearlite, austenite-ferrite) steels, are due to deviations in the chemical composition within the limits allowed for the given grade. The different refining methods (vacuum treatment and electro-slag melting excluded) may change some of the steel properties within some tenth parts of one percent, whereas the changes in chemical composition also involving the change of phase composition are able to modify steel properties with several percents. To obtain stable qualities for double-phase steels not only the amount of each constituent must be stable, but the phase composition as well (there must be a fixed ratio of elements, additives, gases, etc.). On the other hand when the phase composition is stable, during the melting process, the steel quality can be maintained. MASH designed a device with which it

S/128/61/000/006/001/004
A054/A127

On the problem of melting steel with....

is possible to melt the steel with a strictly prescribed phase composition. To develop the device austenitic steel was used with a certain amount of ferrite. The electromagnetic device is portable and determines the ferrite content in the furnace in 3 - 5 min. When current is supplied to the magnetic coil and to the induction coils, an inductive electromotive force is generated. Since identical induction coils are in cross connection, the galvanometer indicating the difference in electromotive force is in zero-position, i.e., the differential circuit is compensated. When a specimen with austenitic structure is put into one of these coils, the galvanometer remains in a neutral position, because the magnetic susceptibility of such a specimen is near that of the atmosphere. If, however, the specimen contains some ferrite, the electromotive force will increase in the core and the equilibrium of the circuit will be disturbed, which is indicated by the galvanometer depending on the ferrite amount in the sample. The stressed condition of the alternating magnetic field generated in the coils is not more than 300 oersteds and this is not sufficient to magnetize the test sample up to saturation. Therefore, there is no linear relation between the ferrite quantity and the registrations of the device which is scaled according to the ferrite content of the check sample. The tests showed that upon applying the ferritometer to austenitic steel with ferrite phase

On the problem of melting steel with....

S/128/61/000/006/001/004
A054/A127

in such a way that the amount of the latter is changed in the initial structure of the steel. In order to obtain the required ferrite quantity it was necessary to determine the effect of various alloying elements on the ferrite content. The results of tests carried out for this purpose with a different C, Si, Mn, Cr and Ni content in three heats are given in a table, while the composition of 3M316 (EI316) grade steel is plotted graphically, which ensures the optimum amount of ferrite. For a number of heat resistant steels TsNIITMASH and TsKTI have developed a technology ensuring the required ferrite amount. This improves the quality of steel and makes the automation of the melting process possible. There are 5 figures, 5 tables and 5 Soviet-bloc references.

✓

SASHENKOV, Mikhail Semenovich, kand. tekhn. nauk; SOROKOLETOV, Aleksandr Fedorovich; AFONASOV, Nikifor Ivanovich, dots.; UKOLOV, Mikhail Sergeyevich, inzh. st. nauchn. sotr.; GONCHARENKO, Andrey Nikiforovich, inzh. mlad. nauchn. sotr.; KHLIUSTIKOVA, Iraida Nikol'yevna, inzh., ml. nauchn. sotr.; GOLIK, Svetlana Andreyevna, inzh.

[Specialized transportation facilities for the haulage of building materials and elements] Spetsializirovannye transportnye sredstva dlia perevozki stroitel'nykh materialov i konstruksii. Moskva, Stroiizdat, 1964. 57 p.

(MIRA 18:5)

1. Moscow. Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu.
2. Rukovoditel' laboratorii transportnykh rabot otdela transportnykh, pogruzochno-razgruzochnykh i skladskikh rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu (for Sashenkov).
3. Glavnyy inzhener laboratorii transportnykh rabot otdela transportnykh, pogruzochno-razgruzochnykh i skladskikh rabot Nauchno-issledovatel'skogo instituta organizatsii, mekhanizatsii i tekhnicheskoy pomoshchi stroitel'stvu (for Sorokoletov).
4. Laboratoriya transportnykh rabot otdela transportnykh, pogruzochno-razgruzochnykh i skladskikh rabot

SASHENKOV, Ye.P.

Stamps of the countries of the Western Hemisphere.
Zem.i vsel. 1 no.5:86-87 S-O '65.

(MIRA 18:11)

SASHIN, L. (g.Gor'kiy)

Useful deeds. Okhr. truda i sots. strakh. 3 no.5:40-41 My '60.
(MIRA 13:12)

(Public health)

SASHONKO, G.I.

Use of peak load gas-turbine power plants in prospective power
systems. Sbor. rab. po vop. elektromekh. no.10:60-68 '63.
(MIRA 17:8)

ARTYUGIN, I.M.; GRACHEV, Yu.P.; DAVYDOV, L.N.; DOYNIKOV, Ya.P.; KIRPICHEV, V.I.; LEVENTAL', G.B.; MELENT'YEV, L.A.; MICHURIN, K.I.; NIKONOV, A.P.; SASHONKO, G.I.; STARIKOV, V.G.; FROLOV, V.I.; KHRILEV, L.S.; RABINOVICH, A.L., red.; SOBOLEVA, Ye.M., tekhn. red.

[Technical and economic principles of the expansion of heat supply engineering in power systems] Tekhniko-ekonomicheskie osnovy razvitiia teplofikatsii v energosistemakh. Moskva, Gos. energ. izd-vo, 1961. 318 p.

(Heat engineering) (Electric power plants)

(MIRA 15:3)

SASHONKO, G.I.

Analysis of the efficiency of electric power plants with gas turbines operating in large consolidated electric power systems. Sbor.rab.povop.elektromekh.no.8:35-41 '63.

(MIRA 16:5)

(Interconnected electric utility systems) (Electric power plants)

ILAVITSKIY, A.G., kand. tekhn. nauk; SESHRIN, A.D., inzh.

Measuring the main, normal stresses on walls of mine workings.
Gor. zhur. no.11:72 N 164. (MIRA 18:2)

1. Institut gornogo dela Gosmetallurgkomiteta, Sverdlovsk.

KENEZ, Ya.; SASI, Ye.

Treatment of pulmonary tuberculosis with cycloserine. Probl.
tub. 41 no.3:38-40'63. (MIRA 16:9)

1. Iz Budaden'skogo sanatoriya dlya bol'nykh s zabolevaniyami
legkikh i serdtsa (dir. I.Galgoshchi), Vengriya.
(TUBERCULOSIS) (ISOXAZOLIDINONE)

SASI NAGY, Istvan, adjunktus; ANGYAL, Bela

Testing twist drills and reamers to be used on automatic machines and production lines. Gep 15 no.10:414-419 0 '63.

1. Budapesti Muszaki Egyetem Gepgyartastechnologiai Tanszek.

SASIN, A.S.; BEL'KEVICH, P.I.; FIGULEVSKAYA, L.V.

Detarring raw peat wax by the crystallization method. Trudy Inst.
torf. AN BSSR 9:301-306 '60. (MIRA 14:2)
(Waxes) (Peat)

SASIMCHIK, V.Ye.

Dermoid cyst of the testicle. Zdrav. Bel. 7 no. 2:55 F '61.
(MIRA 14:2)

1. Iz khirurgicheskogo otdeleniya (zaveduyushchiy V.Ye. Sasimchik)
Lidskoy zheleznodorozhnoy bol'nitsy.
(CYST) (TESTICLE—DISEASES)

TSYSKOVSKIY, V.K.; BOCHAROV, A.A.; SASIN, E.M.

Synthesis of hydroxy acids and their derivatives by the continuous oxidation of liquid paraffins. Khim.prom. no.8:642-643 D '60.

(MIRA 13:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhimicheskikh protsessov.

(Acids) (Paraffins) (Oxidation)

SASHIN, L. (Voronezh)

A man respected by all. Okhr.truda i sots.strakh. no.12:
54-55 D '59. (MIRA 13:4)
(VORONNEZH--MEDICINE, INDUSTRIAL)

SASHIN, L. (Orel)

Feldsher Snetkova. Okh.truda i sots.strakh. no.1:62-63 Ja '60.
(MIRA 13:5)
(MEDICINE, INDUSTRIAL)

SASHIN, L.

Useful initiative. Okhr. truda i sots. strakh. 4 no. 2:27-28
F '61. (MIRA 14:2)
(Pyatigorsk--Health resorts, watering places, etc.)

AID P - 5104

Subject : USSR/Engineering

Card 1/1 Pub. 110-a - 7/18

Authors : Man'kina, N. N., M. D. Loginov, and T. A. Sashina,
Engineers.

Title : Prevention of the formation of copper scum by using
sodium hexametaphosphate.

Periodical : Teploenergetika, 10, 33-36, 0 1956

Abstract : Methods are examined for slowing down and preventing
the formation of copper scum on pipes of steam boilers.
6 diagrams. 3 references.

Institution : All-Union Heat Engineering Institute

Submitted : No date

PESHKOVSKAYA, Mariya Mikhaylovna; ANDREYEV, Mikhail Vikent'yevich;
KAIMYKOVA, Nataliya Borisovna; MALINOVA, Revokka Davydovna;
SASHINA, Yelena Konstantinovna; KHUTORSKAYA, Ye. S., red.

[Technical and economic calculations in enterprises of the
chemical industry] Tekhniko-ekonomicheskie rascheti na pred-
priyatiakh khimicheskoy promyshlennosti. Moskva, Vysshaya
shkola, 1965. 320 p. (MIRA 18:12)

SASHONKO, G.I., inzh.

Selecting conditions for central control of "open" electric power
and heat producing systems (during the quantitative and qualitative
control of heat release). Trudy LIMI no.19:170-183 '57.
(Power plants) (Automatic control) (MIRA 11:6)

SASHUKHIN, N. N.

IOZMOVSKIY, S. A. and SASHUKHIN, N. N.

Novyy metod vyplavki austenitnykh staley s zadannym kolichestvom
ferrita.

report submitted for the 5th Physical Chemical Conference on Steel Production,
Moscow, 30 Jun 1959.

SASIADA, E.

Bulletin - Vol. 2, no. 8, 1954.

On Abelian groups every countable subgroup of which is an endomorphic image. In English. p. 349.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

SASIADA, E.

On the basis of modules over a principal ideal ring. In English. p. 477.

MATEMATYKA, Vol. 3, No. 9, 1955, Warsaw, Poland.

SO: East European Accessions List, Lib. of Cong., No. 10, Vol. 5, Oct. 1956.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001447220010-0

SUSPENSE, L

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001447220010-0"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001447220010-0

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001447220010-0"

KROL, M.; SASIADA, E.

The complete direct sums of torsion-free Abelian groups of rank 1 which are separable. Bul Ac Pol mat 8 no.1:1-2 '60. (EEAI 9:11)

1. Department of Mathematics, Nicholas Copernicus University,
Torun and Institute of Mathematics, Polish Academy of Sciences.
Presented by K.Kuratowski.
(Abelian groups)

SASIADA, E.

Solution of the problem of existence of simple radical ring. Bul Ac
Pol Mat 9 no.4:257 '61.

1. Institute of Mathematics, Polish Academy of Sciences. Presented
by A. Mostowski.

SASIADA, E.; SULINSKI, A.

A note on Jacobson radical. *Bul. Ac. Pol. mat.* 10 no.8:421-423 '62.

1. Institute of Mathematics, Polish Academy of Sciences, Warsaw.
Presented by A. Mostowski.

SASIADEK, M. 117 AND 118, 000000 PROCESSES AND PROPERTIES INDEX 1724. Investigation of Picrate Explosions by Manometer Bomb. M. Sasiadek and T. Tycholinski. <i>Acta Physica Polonica</i>, 3, ppi 197-211, 1934. <i>In German.</i>—By means of a manometric bomb with a piston-spring indicator, the course followed by the explosion of picrates of Na, K, Rb, Cs, Cu, Ag, Ti, Pb and Hg has been studied. With Ag and K picrates, the maximum explosion pressure increases in proportion to the charging density, these picrates behaving like smokless powder. The lowest maximum pressures are shown by those picrates whose cations form oxides after the explosion (Na, K, Rb, Cs and Cu). On the other hand, Ag, Ti and Pb picrates, which form pure metal on explosive decomposition, yield higher pressures. With Na, K, Rb, Cs, Cu and Ag picrates, the duration of the explosion produced in the bomb by a glowing wire ranges from 0.0016 to 0.0048 second. For Ti and Pb picrates, the explosion proved so energetic that its duration could not be measured, the decomposition being a detonation rather than an explosion. T. H. P.		A 54 2
ASB-51-A DETALLURGICAL LITERATURE CLASSIFICATION		
100000 00 101000 000 000	00100000 001000 000 000 000	
00000 00 00000 000 000	00100000 001000 000 000 000	